

A Pocket Guide for Grape IPM Scouting in the North Central and Eastern U.S.

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This plastic-coated scouting guide with 3.25-inch by 5.0-inch pages fits in your pocket for easy reference in the vineyard. With color pictures and descriptions, it will help you identify common insect and disease pests and the damage they cause as well as natural enemies. Some guidelines for monitoring and thresholds are included. There is also a section on various injuries from abiotic conditions, nutrient deficiencies, and herbicides.

This 112-page guide is intended to be a field supplement to more comprehensive reference publications and does not include pesticide recommendations. To view sample pages and further description of the guide, visit the publication section of the MSU IPM Program website at:

<http://www.ipm.msu.edu>

Some of the many pests and topics in this guide

Diseases: black rot, Boytritis bunch rot, crown gall, downy mildew, Eutypa dieback, grapevine decline, leaf blotch, Rupestris stem pitting, tar spot. **Insects:** climbing cutworms, grape berry moth, leafhoppers, grape cane girdler. **Disorders:** Bunch stem necrosis, sour soil, sun scald, ozone injury, hail, chimera.

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